## In the claims:

Claim 1 (currently amended) A compound of general the formula (1)

in racemic, or enantiomeric form or any combinations of these forms and in which wherein:

 $R_1$  and  $R_2$  represent are, independently, selected from the group consisting of the hydrogen, atom; a  $(C_1-C_8)$ alkyl radical optionally substituted by hydroxy;  $(C_2-C_6)$ alkenyl; a bicycloalkyl; or a radical of formula  $-(CH_2)_n-X_1$  or and  $-X-(CH_2)_n-X_1$ ;

X represents is selected from the group consisting of -C(O)- or -C(S)-NH-;

 $X_1$  represents a is selected from the group consisting of  $(C_1-C_6)$  alkoxy,  $(C_3-C_7)$  cycloalkyl, adamantyl, heterocycloalkyl, aryl or and heteroaryl radical,

The (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, heterocycloalkyl, aryl and heteroaryl radicals being optionally substituted by at least one member or more identical or different substituents chosen from selected from the group consisting of: -(CH<sub>2</sub>)<sub>n1</sub>-V<sub>1</sub>-Y<sub>1</sub>, halo, nitro and cyano;

 $V_1$  represents is selected from the group consisting of -O-,-S- or a covalent bond;  $Y_1$  represents a is  $(C_1-C_6)$  alkyl radical optionally substituted by at least one or more identical or different halo radicals, or aryl;

n and n' represent an <u>are</u> integers from 0 to 6 and  $n_1$  an integer from 0 to 2 (it being understood that when n is equal to 0, then  $X_1$ -does is not represent the alkoxy radical);

X'<sub>1</sub> represents the <u>is selected from the group consisting of hydrogen atom</u>, a

(C<sub>1</sub>-C<sub>6</sub>)alkyl radical optionally substituted by <u>at least</u> one <u>or more identical or different</u>

halo radicals, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl; or <u>and</u> aryl optionally substituted by

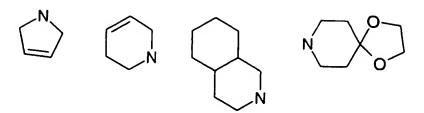
<u>at least</u> one <u>member or more identical or different substituents chosen from</u>: halo, nitro,

cyano, (C<sub>1</sub>-C<sub>6</sub>)alkyl-carbonyl, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted

by <u>at least</u> one <u>or more identical or different</u> halo radicals, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally

substituted by <u>at least</u> one <u>or more identical or different</u> halo radicals;

or R<sub>1</sub> and R<sub>2</sub> form together, with the nitrogen atom to which they are attached, a heterobicycloalkyl or a heterocycloalkyl optionally substituted by <u>at least</u> one <u>member selected from the group consisting of or more identical or different substituents</u> ehosen from: hydroxy, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted by hydroxy, (C<sub>1</sub>-C<sub>6</sub>)alkyl-carbonyl, -(CH<sub>2</sub>)<sub>n</sub>···-A, -C(O)-NV<sub>1</sub>'-Y<sub>1</sub>', and heterocycloalkyl; or R<sub>1</sub> and R<sub>2</sub> form together a radical of formula a member selected from the group consisting of:



V<sub>1</sub>' and Y<sub>1</sub>' represent are, independently, the hydrogen atom or a (C<sub>1</sub>-C<sub>6</sub>)alkyl;

A represents an is aryl radical optionally substituted by at least one member selected from the group consisting of or more identical or different substituents ehosen from: halo, nitro, cyano, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted by at least one member selected from the group or more identical or different halo radicals, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally substituted by at least one or more identical or different halo radicals;

n" represents is an integer from 0 to 2;

 $R_3$  represents is selected from the group consisting of  $-Z_3$ ,  $-C(R_{z3})(R'_{z3})-(CH_2)_p-Z_3$  or and  $-C(O)-Z'_3$ ;

 $R_{z3}$  and  $R'_{z3}$  represent- <u>are</u>, independently, the hydrogen atom or a  $(C_1-C_6)$ alkyl radical;

 $Z_3$  represents is selected from the group consisting of  $Z_{3a}$ ,  $Z_{3b}$ ,  $Z_{3c}$ ,  $Z_{3d}$ , or and  $Z_{3c}$ ;  $Z_{3a}$  represents a is  $(C_1-C_6)$ alkyl or  $(C_2-C_6)$ alkenyl radical;

Z<sub>3b</sub> represents a is selected from the group consisting of (C<sub>1</sub>-C<sub>6</sub>)alkoxy,

 $C_1$ - $C_6$ )alkylthio,  $C_1$ - $C_6$ )alkylamino of and di(( $C_1$ - $C_6$ )alkyl)amino radical;  $Z_{3c}$  represents an aryl or heteroaryl radical; the aryl and heteroaryl radicals being optionally substituted by at least one or more identical or different substituents ehosen from member selected from the group consisting of: halo, cyano, nitro, azido, oxy of and  $-(CH_2)_{p'}$ - $V_3$ - $V_3$ ;

V<sub>3</sub> represents is selected from the group consisting of -O-, -S-, -C(O)-, -C(O)-O-, -O(CO)-, -SO<sub>2</sub>-, -SO<sub>2</sub>NH-, -NR'<sub>3</sub>-SO<sub>2</sub>-, -NR'<sub>3</sub>-, -NR'<sub>3</sub>-C(O)-NR'<sub>3</sub>-, -NH-C(O)-NR'<sub>3</sub>- or and a covalent bond;

Y<sub>3</sub> represents the <u>is selected from the group consisting of hydrogen</u>, atom or a (C<sub>1</sub>-C<sub>6</sub>)alkyl radicals optionally substituted by <u>at least</u> one or more identical or different substituents chosen from member selected from the group consisting of: halo, nitro, (C<sub>1</sub>-C<sub>6</sub>)alkyl and (C<sub>1</sub>-C<sub>6</sub>)alkoxy; or an <u>and</u> aryl-(C<sub>1</sub>-C<sub>6</sub>)alkyl radical optionally substituted by <u>at least</u> one member selected from the group consisting of or more identical or different substituents chosen from: halo, nitro, C<sub>1</sub>-C<sub>6</sub>)alkyl and (C<sub>1</sub>-C<sub>6</sub>)alkoxy;

 $Z_{3d}$  represents a <u>is selected from the group consisting of (C<sub>1</sub>-C<sub>6</sub>)alkoxy-carbonyl,</u> amino-carbonyl, (C<sub>1</sub>-C<sub>6</sub>)alkylamino-carbonyl <u>and di((C<sub>1</sub>-C<sub>6</sub>)alkyl)amino-carbonyl radical</u>;

 $Z_{3e}$  represents a is selected from the group consisting of  $(C_1-C_6)$  alkyl-C(O)-NH-,  $(C_3-C_7)$  cycloalkyl, heteroalkyl, heterocycloalkyl, radical or a radical of formula

$$(CH2)r$$

$$r = 1, 2$$
and
$$r' = 1, 2$$

$$r' = 1, 2$$

the  $(C_3-C_7)$  cycloalkyl and heterocycloalkyl radicals being optionally substituted by at least one or more identical or different oxy or  $(C_1-C_6)$ alkyl radicals,

Z'<sub>3</sub> represents an <u>is</u> aryl radical optionally substituted by <u>at least</u> one <del>or more</del> identical or different substituents chosen from member selected from the group consisting of: halo, nitro and -(CH<sub>2</sub>)<sub>p</sub>"-V'<sub>3</sub>-Y'<sub>3</sub>;

V'<sub>3</sub> represents is selected from the group consisting of -O-, -C(O)-, -C(O)-O-, -O(CO)-NR'<sub>3</sub>-, -NR'<sub>3</sub>-C(O)-, -NH-C(O)-NR'<sub>3</sub>- or and a covalent bond;

Y'<sub>3</sub> represents the hydrogen atom- or a (C<sub>1</sub>-C<sub>6</sub>)alkyl radical optionally substituted by at least one or more identical or different halo radicals;

R'<sub>3</sub> represents the hydrogen atom, is selected from the group consisting of a (C<sub>1</sub>-C<sub>6</sub>)alkyl or and (C<sub>1</sub>-C<sub>6</sub>)alkoxy radical;

p, p' and p" represent, are, independently, an integer from 0 to 6;

R<sub>4</sub> represents a radical of formula is -(CH<sub>2</sub>)<sub>s</sub>-R'<sub>4</sub>

 $R'_4$  represents a <u>is</u> heterocycloalkyl cotaining at least one nitrogen atom and optionally substituted by  $(C_1-C_6)$ alkyl or arakyl; a heteroaryl containing at least one nitrogen atom and optionally substituted by  $(C_1-C_6)$ alkyl; or a radical of formula <u>and</u> -NW<sub>4</sub>W'<sub>4</sub>

 $W_4$  represents the is hydrogen atom or  $(C_1-C_8)$ alkyl;

W'<sub>4</sub> represents a radical of formula is -(CH<sub>2</sub>)<sub>s'</sub>-Z<sub>4</sub>;

Z<sub>4</sub> represents the is selected from the group consisting of hydrogen atom,

(C<sub>1</sub>-C<sub>8</sub>)alkyl; (C<sub>2</sub>-C<sub>6</sub>)alkenyl; (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl optionally substituted by at least one or more identical or different- (C<sub>1</sub>-C<sub>6</sub>)alkyl substituents; cyclohexene; heteroaryl; and aryl optionally substituted by at least one or more identical or different radicals chosen from member selected from the group consisting of:

-(CH<sub>2</sub>)<sub>5</sub>,-V<sub>4</sub>-Y<sub>4</sub>, halo and nitro;

V<sub>4</sub> represents is selected from the group consisting of -O-, -S-, -NH-C(O)-, -NV<sub>4</sub>'- or a and covalent bond;

 $Y_4$  represents a- <u>is</u> hydrogen atom or a  $(C_1$ - $C_6$ )alkyl radical optionally s substituted by <u>at least</u> one or more identical or different halo radicals;  $V_4$ ' represents a- <u>is</u> hydrogen atom or a  $(C_1$ - $C_6$ )alkyl;

s" represents <u>is</u> an integer from 0 to 4; or  $Z_4$  represents a radical of formula <u>is</u>

$$O(CH_2)r$$

$$r = 1, 2$$

s and s' represent, are, an integer from 0 to 6; or and a pharmaceutically acceptable salt thereof.

Claim 2(currently amended)

<u>A</u> compound according to of Claim 1,

characterized in that wherein

 $R_1$  and  $R_2$  represent <u>are</u>, independently, <u>selected from the group consisting of the</u> hydrogen atom, a  $(C_1-C_8)$ alkyl, a bicycloalkyl, radical or a radical of formula  $-(CH_2)_n-X_1$  or and  $-X-(CH_2)_n-X_1$ ;

X represents -C(O)- or -C(S)-NH-;

 $X_1$  represents a is selected from the group consisting of  $(C_1-C_6)$  alkoxy,  $(C_3-C_7)$  cycloalkyl radical optionally substituted by a- $(C_1-C_6)$  alkyl, or and heteroaryl;

X'<sub>1</sub> represents the <u>is selected from the group consisting of</u> hydrogen atom, a- $(C_1-C_6)$ alkyl radical optionally substituted by <u>at least</u> one or more identical or different halo radicals,  $(C_3-C_7)$ cycloalkyl or aryl optionally substituted by a  $(C_1-C_6)$ alkyl-carbonyl;

or  $R_1$  and  $R_2$  form together, with the nitrogen atom to which they are attached, are heterobicycloalkyl or a heterocycloalkyl optionally substituted by at least one or more identical or different substituents chosen from member selected from the group consisting of:  $(C_1-C_6)$ alkyl,  $(C_1-C_6)$ alkyl-carbonyl and  $-(CH_2)_{n}$ -A;

A represents an is aryl radical optionally substituted by at least one or more identical or different substituents chosen from: halo and or (C<sub>1</sub>-C<sub>6</sub>)alkyl;

n" represents is an integer from 0 to 1;

R<sub>4</sub> represents a radical of formula is -(CH<sub>2</sub>)<sub>s</sub>-R'<sub>4</sub>

R'<sub>4</sub> represents a <u>is</u> heterocycloalkyl containing at least one nitrogen atom and optionally substituted by (C<sub>1</sub>-C<sub>6</sub>)alkyl; or a radical of formula -NW<sub>4</sub>W'<sub>4</sub>

W<sub>4</sub> represents the is hydrogen atom, a- (C<sub>1</sub>-C<sub>8</sub>)alkyl;

W'<sub>4</sub> represents a radical of formula is -(CH<sub>2</sub>)<sub>s'</sub>-Z<sub>4</sub>;

Z<sub>4</sub> represents the <u>is selected from the group consisting of</u> hydrogen atom,

(C<sub>1</sub>-C<sub>8</sub>)alkyl or <u>and</u> aryl optionally substituted by <u>at least</u> one or more identical or different radicals chosen from: -(CH<sub>2</sub>)<sub>s</sub>"-V<sub>4</sub>-Y<sub>4</sub>;

V<sub>4</sub> represents is -O-;

Y<sub>4</sub> represents a <u>is</u> (C<sub>1</sub>-C<sub>6</sub>)alkyl radical optionally substituted by <u>at least</u> one or more identical or different halo radicals;

s" represents is an integer from 0 to 4;

s and s' represent are, independently, an integer from 1 to 4; or a pharmaceutically acceptable salt thereof.

Claim 3 (currently amended) A compound according to of Claim 2, eharacterized in that wherein it comprises at least one of the following characteristics:

- the cycloalkyl radical is chosen from cyclopropyl, cyclobutyl and cyclohexyl;
- the bicycloalkyl radical is bicyclo[2,2,1]heptane;
- the heterobicycloalkyl is 7-aza-biclyclo[2,2,1]heptane;
- the aryl radical is the phenyl radical;
- the heteroaryl radical is the furyl radical;
- the heterocycloalkyl is chosen from piperidine, morpholine and piperazine;

- the heterocycloalkyl is chosen from piperidine, morpholine and piperazine; or a pharmaceutically acceptable salt thereof.

Claim 4 (currently amended)

A compound according to one of

Claims 1 to 2, characterized in that wherein

R<sub>1</sub> and R<sub>2</sub> represent are, independently, the hydrogen atom, a (C<sub>1</sub>-C<sub>6</sub>)alkyl radical or a radical of formula -(CH<sub>2</sub>)<sub>n</sub>-X<sub>1</sub> or -X-(CH<sub>2</sub>)<sub>n</sub>-X'<sub>1</sub>;

X represents is -C(O)-;

 $X_1$  represents a <u>is</u> ( $C_3$ - $C_7$ )cycloalkyl radical;

X'<sub>1</sub> represents the is hydrogen atom or a (C<sub>1</sub>-C<sub>6</sub>)cycloalkyl radical;

n represents is 0 or 1; n' represents is an integer from 0 to 5;

or  $R_1$  and  $R_2$  form together, with the nitrogen atom to which they are attached, are heterocycloalkyl optionally substituted by at least one or more identical or different  $(C_1-C_6)$ alkyl substituents; or a pharmaceutically acceptable salt thereof.

Claim 5 (currently amended) A compound according to of Claim 4, eharacterized in that wherein the  $(C_3-C_7)$  cycloalkyl radical represented by of  $X_1$  and  $X'_1$  is chosen from cyclopropyl, cyclobutyl and cyclohexyl; and the heterocycloalkyl that

together form  $R_1$  and  $R_2$ , is the piperidine ring; or a pharmaceutically acceptable salt thereof.

Claim 6 (currently amended)

A compound according to one of Claim 1

to 2 and 4 to 5, characterized in that wherein

R<sub>4</sub> represents a radical of formula is -(CH<sub>2</sub>)<sub>s</sub>-R'<sub>4</sub>

 $R'_4$  represents a <u>is</u> heterocycloalkyl containing at least one nitrogen atom and optionally substituted by  $(C_1-C_6)$  alkyl; or a radical of formula -NW<sub>4</sub>W'<sub>4</sub>

W<sub>4</sub> represents the is hydrogen atom or (C<sub>1</sub>-C<sub>8</sub>)alkyl;

W'<sub>4</sub> represents a radical of formula is -(CH<sub>2</sub>)<sub>s'</sub>-Z<sub>4</sub>;

 $Z_4$  represent the is hydrogen atom or  $(C_1-C_8)$ alkyl;

s and s' represent are, independently, an integer from 2 to 4; or a pharmaceutically acceptable salt thereof.

Claim 7 (currently amended) A compound according to of Claim 6, characterized in that wherein the heterocycloalkyl repreented by of R'4 is chosen from: piperidine and or morpholine; or a pharmaceutically acceptable salt thereof.

Claim 8 (currently amended) A compound according to one of the preceding claims, characterized in that of Claim 1 wherein R<sub>3</sub> represents is -C(0)-Z'<sub>3</sub>

Z'<sub>3</sub> represents an aryl radical optionally substituted by at least one or more identical or different substituents chosen from member selected from the group consisting of halo and -(CH<sub>2</sub>)<sub>p"</sub>-V'<sub>3</sub>-Y'<sub>3</sub>;

V'<sub>3</sub> represents is -O- or a covalent bond;

Y'<sub>3</sub> represents the <u>is</u> hydrogen atom or a (C<sub>1</sub>-C<sub>6</sub>)alkyl radical optionally substituted by <u>at least</u> one or more identical or different halo radicals;

p" represents an integer from 0 to 2; or a pharmaceutically acceptable salt thereof.

Claim 9 (currently amended) A compound according to one of the preceding claims, characterized in that of Claim 1 wherein  $R_3$  represents is selected from the group consisting of  $Z_3$ ,  $-C(R_{z3})(R'_{z3})-Z_3$  or and  $-C(R_{z3})(R'_{z3})-(CH_2)_p-Z_3$ ; or a pharmaceutically acceptable salt thereof.

Claim 10 (currently amended) A compound according to of Claim 9, eharacterized in that wherein  $R_3$  represents is  $-Z_3$  and  $Z_3$  represents is selected from the group consisting of  $Z_{3b}$ ,  $Z_{3c}$ ,  $Z_{3e}$ ; or a pharmaceutically acceptable salt thereof.

Claim 11 (currently amended)  $\underline{A}$  compound according to  $\underline{of}$  Claim 10, eharacterized in that wherein  $Z_3$  represents  $\underline{is}$   $Z_{3c}$  and  $Z_{3c}$  represents an  $\underline{is}$  aryl radical; or a pharmaceutically acceptable salt thereof.

Claim 12 (currently amended) A compound according to of Claim 11, eharacterized in that wherein Z<sub>3c</sub> represents a is phenyl radical substituted by at least one or more identical or different substituents chosen from member selected from the group consisting of: halo, nitro or and -(CH<sub>2</sub>)<sub>p</sub>-V<sub>3</sub>-Y<sub>3</sub>;

V<sub>3</sub> represents is selected from the group consisting of -O-, -S-, -C(O)-, -C(O)-O-, -SO<sub>2</sub>NH-, -NR'<sub>3</sub>-C(O)-, -C(O)-NR'<sub>3</sub>- or and a covalent bond;

R'<sub>3</sub> represents the is hydrogen atom;

Y<sub>3</sub> represents the is hydrogen atom or a (C<sub>1</sub>-C<sub>6</sub>)alkyl radical optionally substituted by at least one or more identical or different halo radicals; or a pharmaceutically acceptable salt thereof.

Claim 13 (currently amended) A compound according to of Claim 11, eharacterized in that wherein  $Z_{3c}$  represents a is phenyl radical substituted by at least one or more identical or different substituents of formula -(CH<sub>2</sub>)<sub>p</sub>-V<sub>3</sub>-Y<sub>3</sub>;

V<sub>3</sub> represents is selected from the group consisting of -C(O)-, -C(O)-O-, or and

-C(O)-NR'3-;

R'<sub>3</sub> represents the is hydrogen atom;

 $Y_3$  represents the <u>is</u> hydrogen atom or a  $(C_1-C_6)$ alkyl radical; or a pharmaceutically acceptable salt thereof.

Claim 14 (currently amended) A compound according to of Claim 9, eharacterized in that wherein  $R_3$  represents is  $-C(R_{z3})(R'_{z3})-Z_3$  and  $Z_3$  represents is  $Z_{3d}$  or  $Z_{3e}$ ; or a pharmaceutically acceptable salt thereof.

Claim 15 (currently amended)  $\underline{A}$  compound according to  $\underline{of}$  Claim 9, eharacterized in that wherein  $R_3$  represents  $\underline{is}$   $-C(R_{z3})(R'_{z3})-(CH_2)_p-Z_3$  and  $Z_3$  represents  $\underline{is}$   $Z_{3c}$ ,  $Z_{3d}$  or  $Z_{3e}$ ; or a pharmaceutically acceptable salt thereof.

Claim 16 (currently amended) A compound according to of Claim 15, eharacterized in that wherein  $Z_3$  represents is  $Z_{3d}$  or  $Z_{3e}$ ;

 $Z_{3d}$  represents a is  $(C_1-C_6)$  alkoxy-carbonyl or amino-carbonyl radical;

 $Z_{3e}$  represents a is selected from the group consisting of (C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)-NH-, heterocycloalkyl radical being optionally substituted by an oxy radical, or a radical of formula

$$O(CH_2)r$$

$$r = 1, 2;$$

or pharmaceutically acceptable salt thereof.

Claim 17 (currently amended)

A process for the preparation of a compound of Claim 1 comprising reacting a formula (I) according to one of the preceding claims characterized in that the compound of the general formula:

in which wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> have the meaning indicated in of Claim 1, is treated with an isothiocyanate of the general formula R<sub>3</sub>N=C=S in which R<sub>3</sub> has the meaning indicated in Claim 1, in the presence of a coupling agent or of yellow mercury (II) oxide in the presence of sulphur sulfur, for a duration of 3 to 48 hours, in a protic or aprotic solvent, at a temperature of 50 to 80°C.

Cancel Claims 18 to 22 and add the following Claims 23 to 27.

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Claim 23. (new) A pharmaceutical composition for treating weight disorders comprising an effective amount of a compound of Claim 1 sufficient to treat said disorder and an inert pharmaceutical carrier.

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Claim 24 (new) A method of treating a condition selected from the group consisting of weight disorders, mental disorders, pain and sexual activity disorders in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of a compound of Claim 1 sufficient to treat said condition.

Claim 25 (new) The method of Claim 24 wherein the condition being treated is anxiety and depression.

Claim 26 (new) The method of Claim 24 wherein the condition being treated is pain.

Claim 27 (new) The method of Claim 26 wherein the pain is neuropathic pain.